



PCT

RAW SEQUENCE LISTING

DATE: 07/06/2004

PATENT APPLICATION: US/10/500,050

TIME: 15:29:41

Input Set : A:\61535 Sequence Listing.txt

Output Set: N:\CRF4\07062004\J500050.raw

1 <110> APPLICANT: Takeda Chemical Industries, Ltd.
 3 <120> TITLE OF INVENTION: Method of Quantifying Nucleic Acid And Kit for Quantifying
 Nucleic Acid
 5 <130> FILE REFERENCE: P02-0156
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/500,050
 C--> 7 <141> CURRENT FILING DATE: 2004-06-25
 7 <150> PRIOR APPLICATION NUMBER: JP 2001-400280
 8 <151> PRIOR FILING DATE: 2001-12-28
 10 <160> NUMBER OF SEQ ID NOS: 10
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 2162
 14 <212> TYPE: DNA
 15 <213> ORGANISM: Human
 17 <220> FEATURE:
 18 <221> NAME/KEY: misc_feature
 19 <222> LOCATION: 2063.. 2091
 20 <223> OTHER INFORMATION: n stands for any base
 22 <400> SEQUENCE: 1
 23 ggaattccgg ctataggcag aggagaatgt cagatgctca gctcgggtccc ctccgcctga 60
 24 cgctcctctc tgtctcagcc aggactgggt tctgtaagaa acagcaggag ctgtggcagc 120
 25 ggcgaaagga agcggctgag gcgcttgga cccgaaaagt ctcggtgctc ctggctacct 180
 26 cgcacagcgg tgcccgcccg gccgtcagta ccatggacag cagcgtgcc cccacgaacg 240
 27 ccagcaattg cactgatgcc ttggcgctact caagttgctc cccagcacc agccccggtt 300
 28 cctgggtcaa cttgtccac ttatagtggca acctgtccga cccatgcggt ccgaaccgca 360
 29 ccaacctggg cgggagagac agcctgtgcc ctccgaccg cagtccctcc atgatacagg 420
 30 ccatcacgat catggccctc tactccatcg tgtgcgtggg ggggctcttc ggaaacttcc 480
 31 tggatcatgta tgtgattgtc agatacacca agatgaagac tgccaccaac atctacattt 540
 32 tcaaccttgc tctggcagat gccttagcca ccagtacct gcccttccag agtgtgaatt 600
 33 acctaatggg aacatggcca tttggaacca tcctttgcaa gatagtgatc tccatagatt 660
 34 actataacat gttcaccagc atattcacc tctgcacat gagggttgat cgatacattg 720
 35 cagtctgcca ccctgtcaag gccttagatt tccgtactcc ccgaaatgcc aaaattatca 780
 36 atgtctgcaa ctggatctc tcttcagcca ttggtcttcc tgtaatgttc atggctacaa 840
 37 caaaatacag gcaagggtcc atagattgta cactaacatt ctctcatcca acctggtact 900
 38 gggaaaacct cgtgaagatc tgtgttttca tcttcgcctt cattatgcca gtgctcatca 960
 39 ttaccgtgtg ctatggactg atgatcttgc gcctcaagag tgtccgcatg ctctctggct 1020
 40 ccaaagaaaa ggacaggaat cttcgaagga tcaccaggat ggtgctgggt gtggtggctg 1080
 41 tggtcatcgt ctgctggact cccattcaca ttacgtcat cattaaagcc ttggttacaa 1140
 42 tcccagaaac tacgttccag actgtttctt ggcaactctg cattgctcta gggtacacaa 1200
 43 acagctgcct caaccagtc ctttatgcat ttctggatga aaacttcaaa cgatgcttca 1260
 44 gagagttctg tatcccaacc tcttccaaca ttgagcaaca aaactccact cgaattcgtc 1320
 45 agaactagtag agaccacccc tccacggcca atacagtggga tagaactaat catcagctag 1380
 46 aaaacttgga agcagaaact gctccgttgc cctaacaggg tctcatgcca ttccgacctt 1440
 47 caccaagctt agaagccacc atgtatgtgg aagcaggttg cttcaagaat gtgtaggagg 1500
 48 ctctaattct ctaggaaagt gcctactttt aggtcatcca acctctttcc tctctggcca 1560

ENTERED

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```

49 ctctgctctg cacattagag ggacagccaa aagtaagtgg agcatttgga aggaaaggaa 1620
50 tataccacac cgaggagtcc agtttggtgca agacacccag tggaacccaa acccatcgtg 1680
51 gtatgtgaat tgaagtcac ataaaagggtg acccttctgt ctgtaagatt ttattttcaa 1740
52 gcaaataatt atgacctcaa caaagaagaa ccatcttttg ttaagttcac cgtagtaaca 1800
53 cataaagtaa atgctacctc tgatcaaagc accttgaatg gaaggccga gtcttttttag 1860
54 tgtttttgca agggaaatgaa tccattattc tatttttagac ttttaacttc aacttaaaat 1920
55 tagcatctgg ctaaggcatc attttcacct ccatttcttg gttttgtatt gtttaaaaaa 1980
56 aataacatct ctttcatcta gctccataat tgcaaggga gagattagca tgaaaggtaa 2040
W--> 57 tctgaaacac agtcatgtgt canctgtaga aagggttgatt ctcatgcact ncaaatactt 2100
58 ccaaagagtc atcatggggg atttttcatt cttaggcttt cagtggtttg ttcctggaat 2160
59 tc 2162
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 25
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Primer N917F
69 <400> SEQUENCE: 2
70 ccttggttac aatcccagaa actac 25
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 24
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Primer N-998R
80 <400> SEQUENCE: 3
81 aggcagctgt ttgtgtaacc taga 24
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 29
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <221> NAME/KEY: misc_binding
90 <223> OTHER INFORMATION: Probe N-945T, labeled 5'-terminal with FAM and 3'-terminal
with TAMRA
92 <400> SEQUENCE: 4
93 ccagactgtt tcttggcact tctgcattg 29
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Primer
103 <400> SEQUENCE: 5
104 ccttcgcaag acccttcctc tata 24
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 23
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:

```

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112 <223> OTHER INFORMATION: Primer
114 <400> SEQUENCE: 6
115 gtagctgtcg gtgtagtcct cgt 23
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 20
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Primer
125 <400> SEQUENCE: 7
126 ttacggcgag ttctgttagg 20
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 20
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Primer
136 <400> SEQUENCE: 8
137 catgtgcctg agaaataggc 20
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 20
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Primer
147 <400> SEQUENCE: 9
148 aaaagagctg tcctgacagc 20
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 20
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Primer
158 <400> SEQUENCE: 10
159 tcctcctgca tcaattgtgt 20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/500,050

DATE: 07/06/2004
TIME: 15:29:42

Input Set : A:\61535 Sequence Listing.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 2063,2091 ✓

VERIFICATION SUMMARY

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Input Set : A:\61535 Sequence Listing.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No

L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2040